

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081121\
 Data File : BG049802.D
 Acq On : 12 Aug 2021 00:30
 Operator : CG/JU
 Sample : M3287-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGB04

Manual Integrations
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Quant Time: Aug 12 02:40:03 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 10 16:55:58 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.037	152	32345	20.000	ng/u1	0.00
20) Naphthalene-d8	10.857	136	140500	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.693	164	94412	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.442	188	175669	20.000	ng/u1	0.00
79) Chrysene-d12	21.725	240	147930	20.000	ng/u1	0.00
88) Perylene-d12	25.008	264	155378	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.420	96	2277	3.291	ng/uL	0.00
4) Pyridine-d5	3.855	84	6828	3.289	ng/u1	0.01
7) Phenol-d5	7.197	99	41529	14.147	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.356	67	25777	15.287	ng/u1	0.00
11) 2-Chlorophenol-d4	7.567	132	33752	16.065	ng/u1	0.00
15) 4-Methylphenol-d8	8.748	113	23451	10.478	ng/u1	0.00
21) Nitrobenzene-d5	9.212	128	18530	16.743	ng/u1	0.00
24) 2-Nitrophenol-d4	9.929	143	22804	18.042	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.481	165	38444	16.131	ng/u1	0.00
31) 4-Chloroaniline-d4	10.992	131	39232	12.025	ng/u1	0.00
46) Dimethylphthalate-d6	14.088	166	137649	18.579	ng/u1	0.00
49) Acenaphthylene-d8	14.382	160	161664	18.340	ng/u1	0.00
54) 4-Nitrophenol-d4	14.904	143	15201	12.690	ng/u1	0.00
60) Fluorene-d10	15.680	176	115778	18.179	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.809	200	12463	10.541	ng/u1	0.00
73) Anthracene-d10	17.542	188	164615	19.852	ng/u1	0.00
81) Pyrene-d10	19.833	212	169943	20.850	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.779	264	166751	19.586	ng/u1	0.01
Target Compounds						
					Qvalue	
16) Acetophenone	8.860	105	4030	1.085	ng/u1	94
30) Naphthalene	10.910	128	17462	2.380	ng/u1#	93
36) 2-Methylnaphthalene	12.519	142	9074	1.615	ng/u1	91
50) Acenaphthylene	14.411	152	12798	1.539	ng/u1	95
52) Acenaphthene	14.752	153	8660	1.458	ng/u1#	74
56) Dibenzofuran	15.087	168	16087	1.952	ng/u1	92
61) Fluorene	15.739	166	7237	1.080	ng/u1#	74
72) Phenanthrene	17.483	178	100045	10.760	ng/u1	96
74) Anthracene	17.577	178	25485	2.740	ng/u1	95
77) Carbazole	17.848	167	10383	1.249	ng/u1	95
80) Fluoranthene	19.498	202	214108	21.285	ng/u1	99
82) Pyrene	19.857	202	193730	19.310	ng/u1	99
85) Benzo(a)anthracene	21.707	228	117075m	12.054	ng/u1	
87) Chrysene	21.772	228	131799	14.530	ng/u1	95
90) Benzo(b)fluoranthene	23.969	252	196066	19.306	ng/u1	98
91) Benzo(k)fluoranthene	24.022	252	58539	5.805	ng/u1	98
93) Benzo(a)pyrene	24.856	252	114208	12.775	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	28.768	276	92343m	7.871	ng/u1	
95) Dibenzo(a,h)anthracene	28.797	278	25272m	2.582	ng/u1	
96) Benzo(g,h,i)perylene	29.937	276	77522m	7.946	ng/u1	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

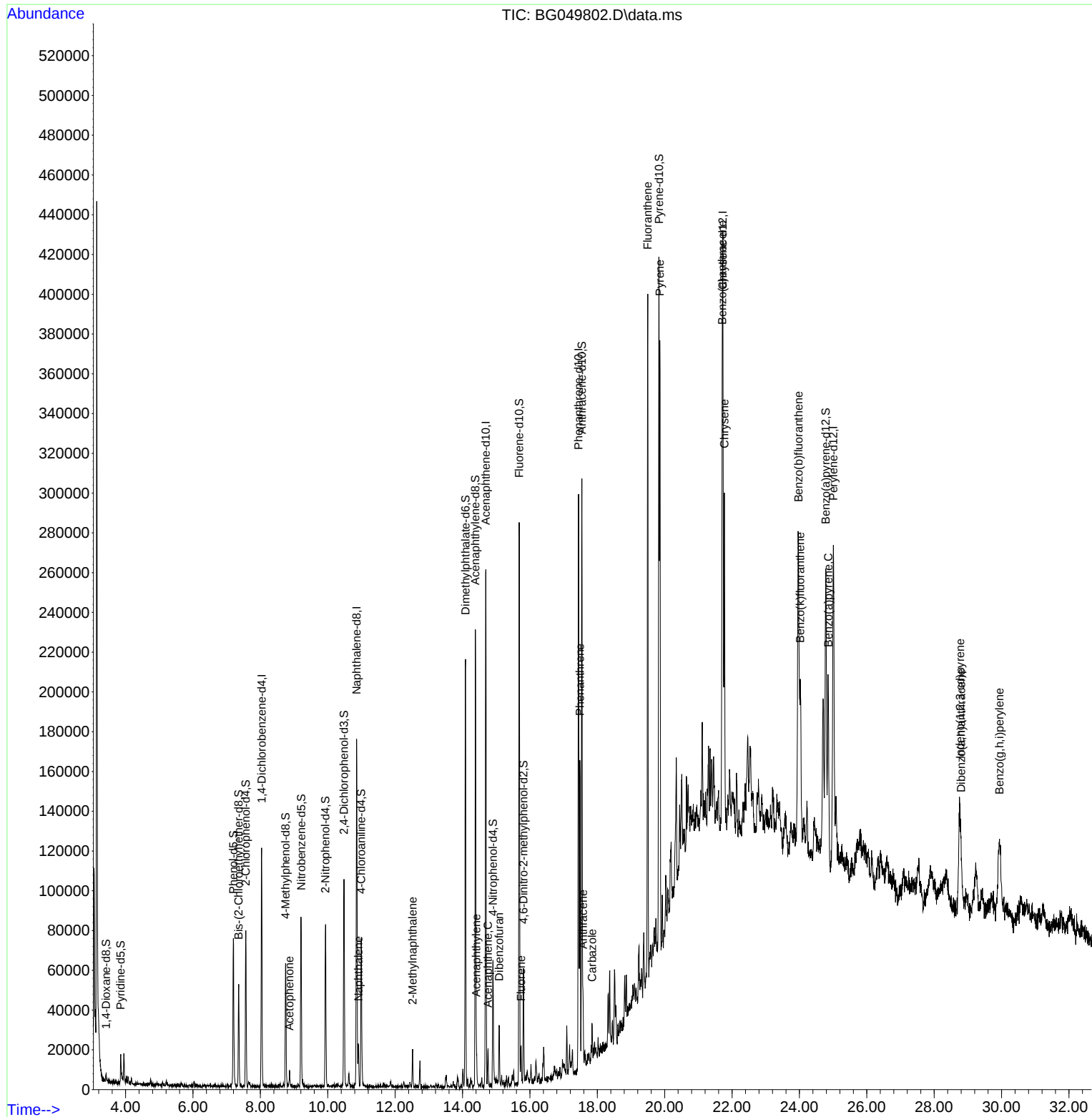
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Data File : BG049802.D
Acq On : 12 Aug 2021 00:30
Operator : CG/JU
Sample : M3287-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

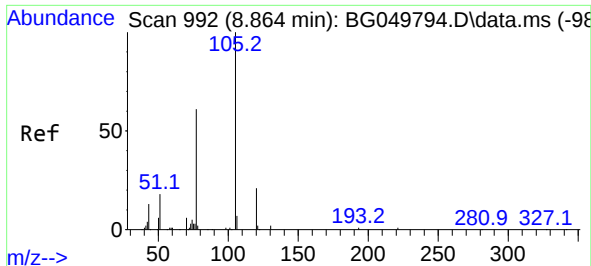
Instrument :
BNA_G
ClientSampled :
BGB04

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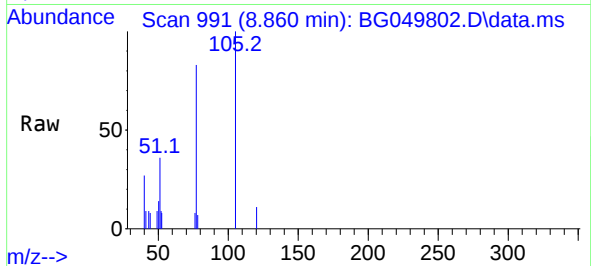
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 10 16:55:58 2021
Response via : Initial Calibration





#16
Acetophenone
Concen: 1.085 ng/ul
RT: 8.860 min Scan# 991
Delta R.T. -0.005 min
Lab File: BG049802.D
Acq: 12 Aug 2021 00:30

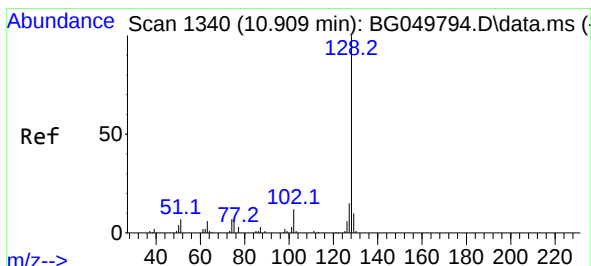
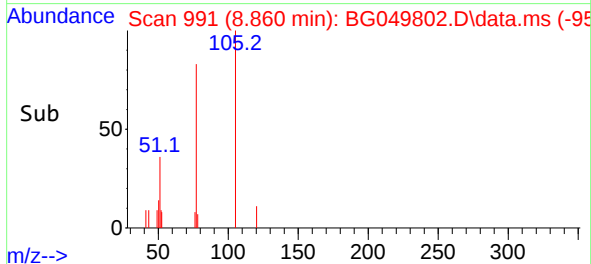
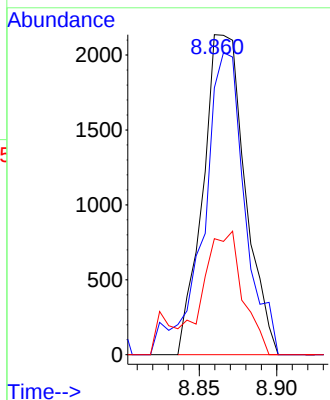
Instrument :
BNA_G
ClientSampled :
BGB04



Tgt Ion:105 Resp: 4030
Ion Ratio Lower Upper
105 100
77 83.4 70.4 105.6
51 36.2 25.1 37.7

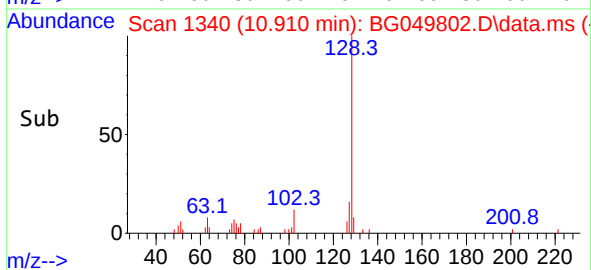
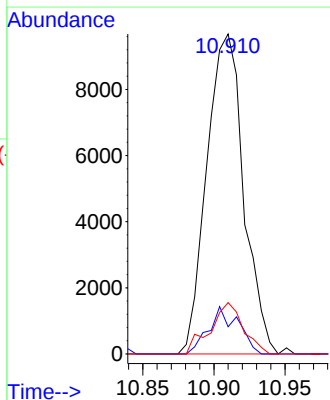
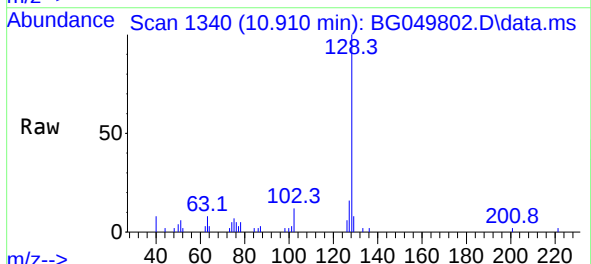
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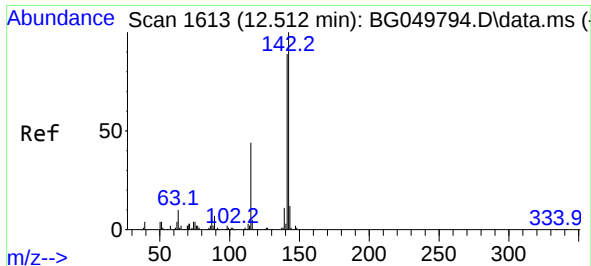
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#30
Naphthalene
Concen: 2.380 ng/ul
RT: 10.910 min Scan# 1340
Delta R.T. 0.001 min
Lab File: BG049802.D
Acq: 12 Aug 2021 00:30

Tgt Ion:128 Resp: 17462
Ion Ratio Lower Upper
128 100
129 8.5 8.7 13.1#
127 16.1 10.6 16.0#





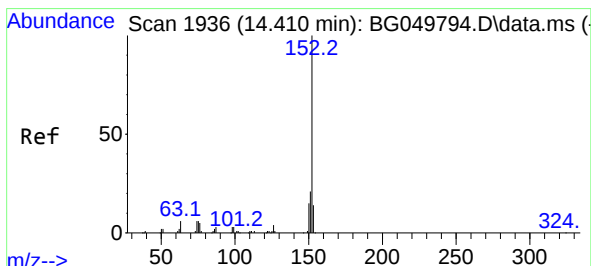
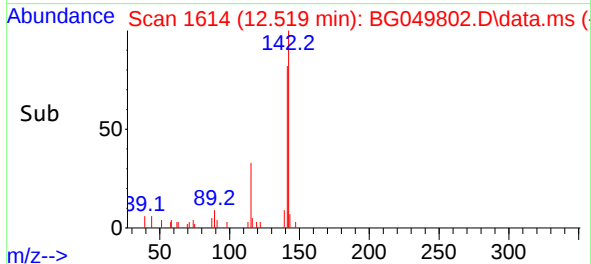
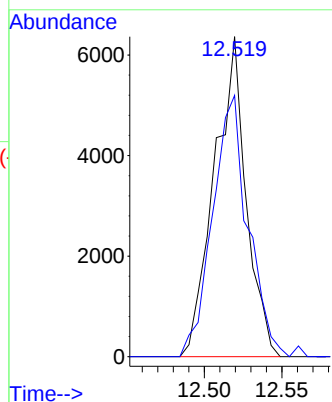
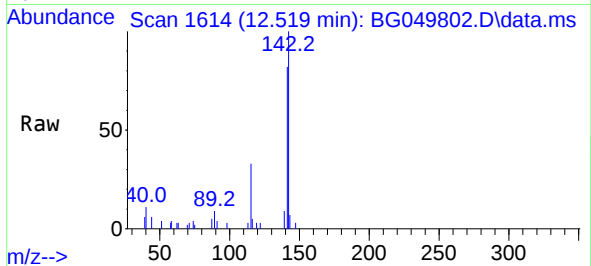
#36
2-Methylnaphthalene
Concen: 1.615 ng/ul
RT: 12.519 min Scan# 1614
Delta R.T. 0.001 min
Lab File: BG049802.D
Acq: 12 Aug 2021 00:30

Instrument :
BNA_G
ClientSampled :
BGB04

Tgt Ion:142 Resp: 9074
Ion Ratio Lower Upper
142 100
141 81.6 71.8 107.8

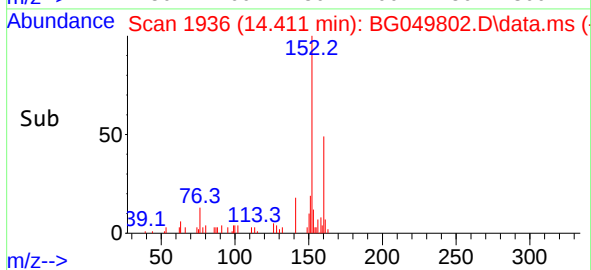
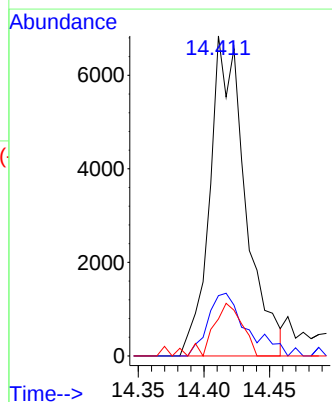
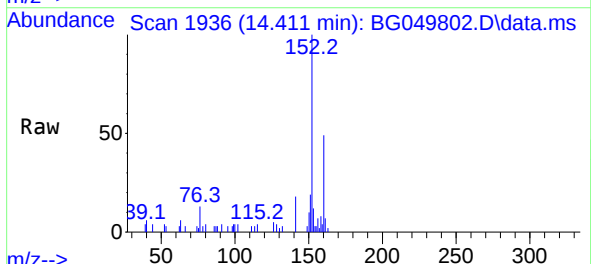
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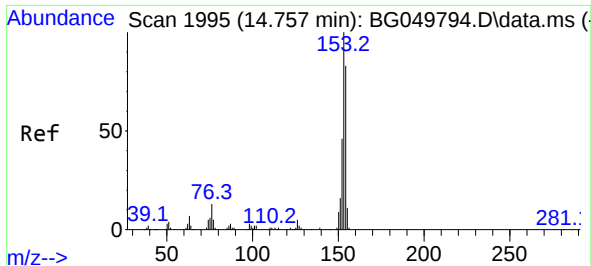
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#50
Acenaphthylene
Concen: 1.539 ng/ul
RT: 14.411 min Scan# 1936
Delta R.T. 0.001 min
Lab File: BG049802.D
Acq: 12 Aug 2021 00:30

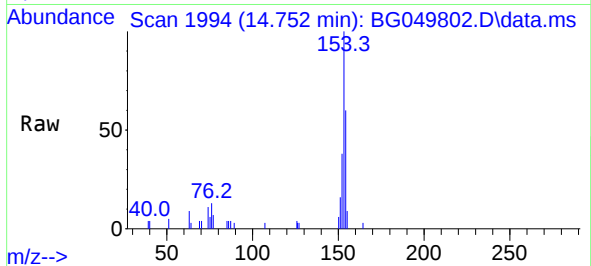
Tgt Ion:152 Resp: 12798
Ion Ratio Lower Upper
152 100
151 18.9 16.3 24.5
153 11.5 11.4 17.0





#52
Acenaphthene
Concen: 1.458 ng/u1
RT: 14.752 min Scan# 1994
Delta R.T. 0.001 min
Lab File: BG049802.D
Acq: 12 Aug 2021 00:30

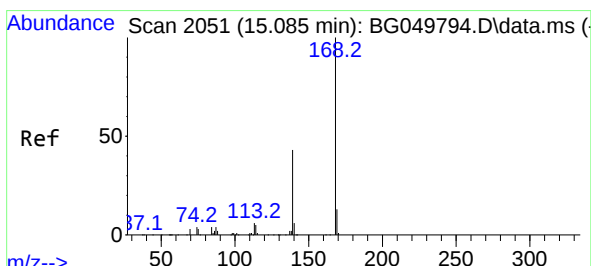
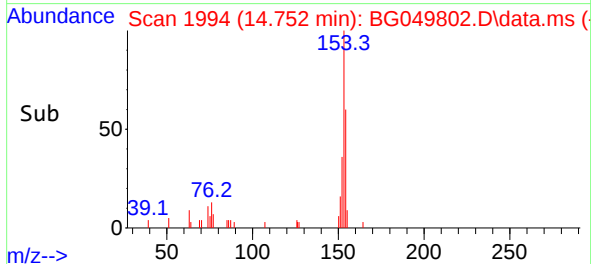
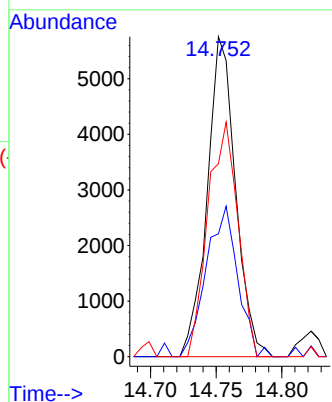
Instrument :
BNA_G
ClientSampled :
BGB04



Tgt Ion:153 Resp: 8660
Ion Ratio Lower Upper
153 100
152 38.4 41.0 61.6#
154 60.3 71.1 106.7#

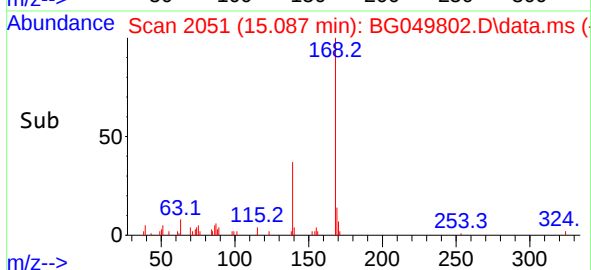
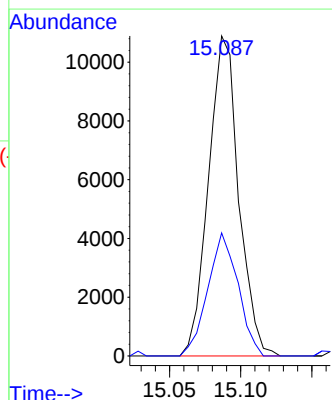
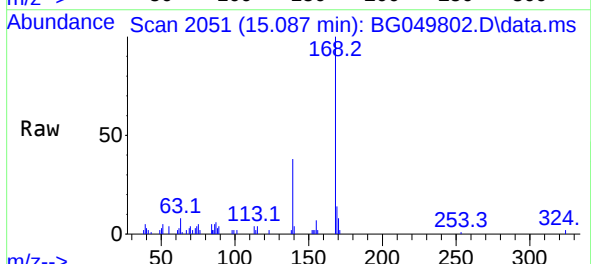
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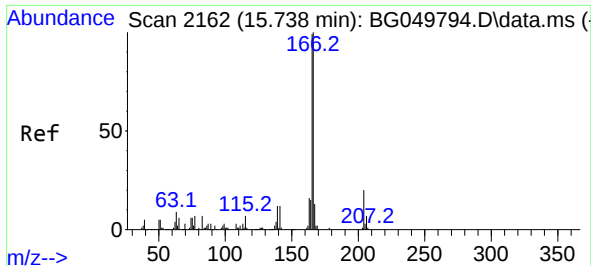
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#56
Dibenzofuran
Concen: 1.952 ng/u1
RT: 15.087 min Scan# 2051
Delta R.T. 0.001 min
Lab File: BG049802.D
Acq: 12 Aug 2021 00:30

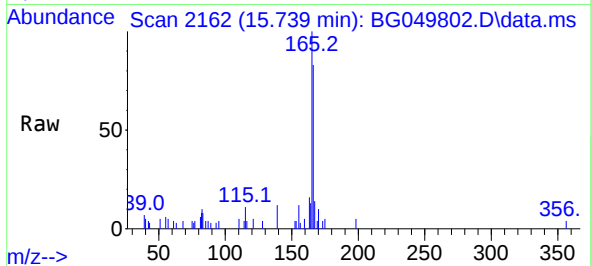
Tgt Ion:168 Resp: 16087
Ion Ratio Lower Upper
168 100
139 38.4 34.6 52.0





#61
Fluorene
Concen: 1.080 ng/ul
RT: 15.739 min Scan# 2162
Delta R.T. 0.001 min
Lab File: BG049802.D
Acq: 12 Aug 2021 00:30

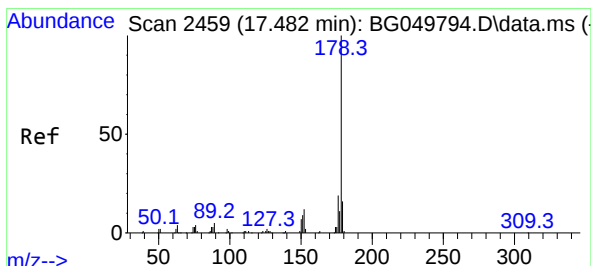
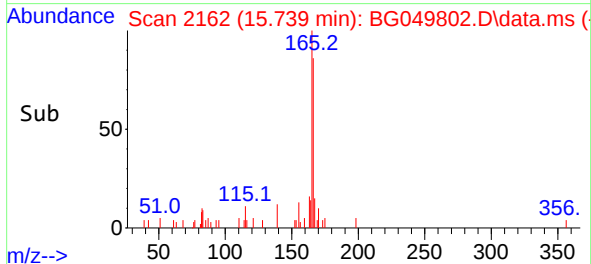
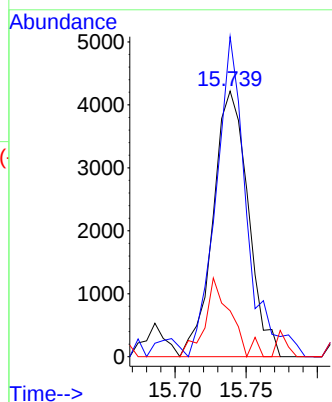
Instrument :
BNA_G
ClientSampled :
BGB04



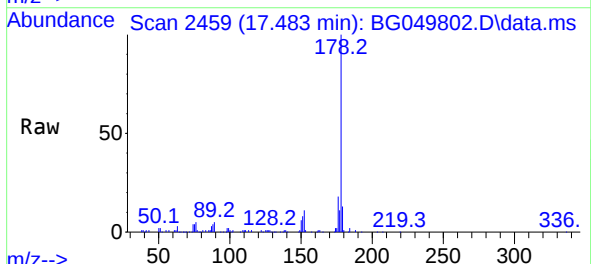
Tgt Ion:166 Resp: 7237
Ion Ratio Lower Upper
166 100
165 120.5 74.5 111.7#
167 17.3 10.5 15.7#

Manual Integrations
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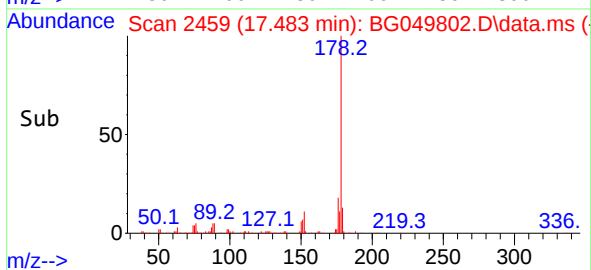
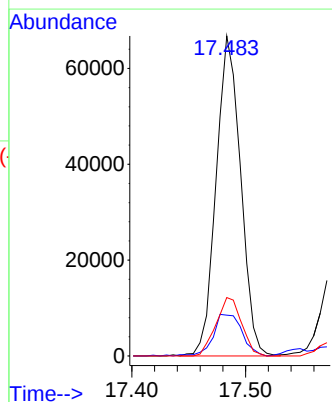
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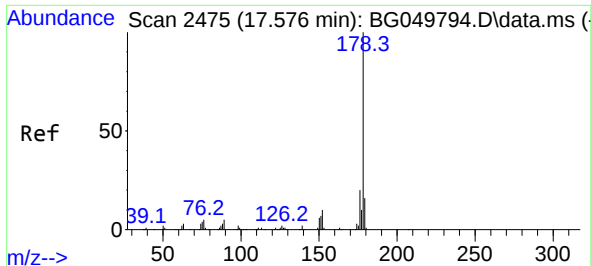


#72
Phenanthrene
Concen: 10.760 ng/ul
RT: 17.483 min Scan# 2459
Delta R.T. 0.001 min
Lab File: BG049802.D
Acq: 12 Aug 2021 00:30



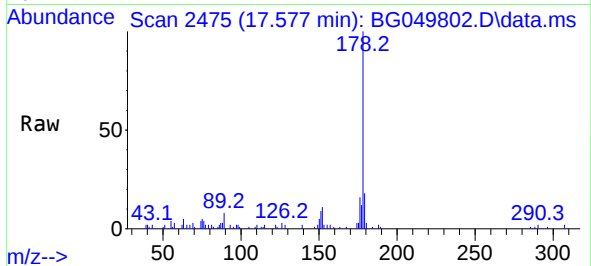
Tgt Ion:178 Resp: 100045
Ion Ratio Lower Upper
178 100
179 12.7 12.4 18.6
176 18.3 15.4 23.2





#74
 Anthracene
 Concen: 2.740 ng/u1
 RT: 17.577 min Scan# 2475
 Delta R.T. 0.001 min
 Lab File: BG049802.D
 Acq: 12 Aug 2021 00:30

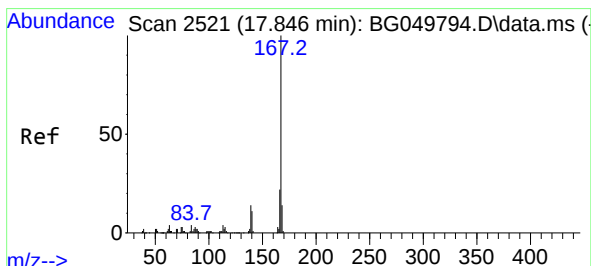
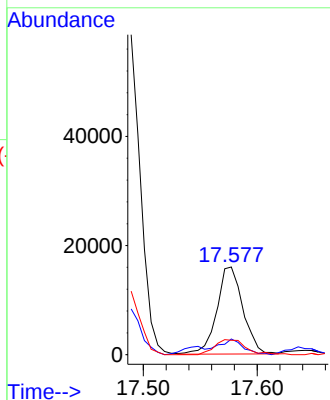
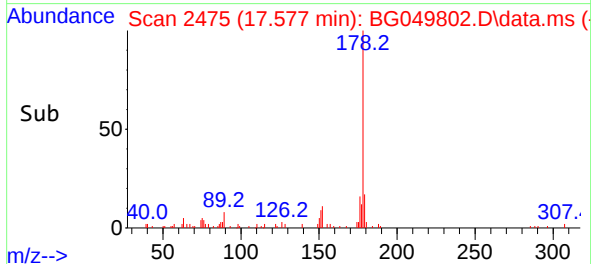
Instrument :
 BNA_G
 ClientSampled :
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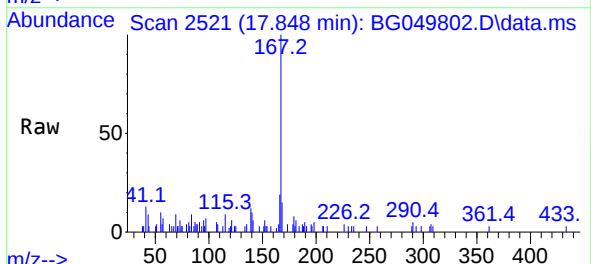
Tgt Ion:	178	Resp:	25485
Ion Ratio	Lower	Upper	
178	100		
179	17.8	12.4	18.6
176	16.4	14.6	21.8

Manual Integrations
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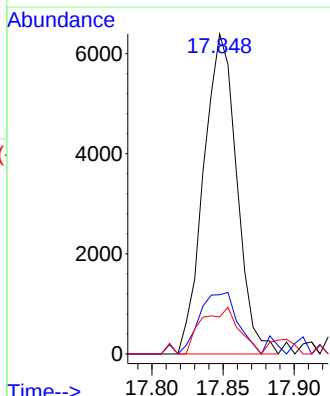
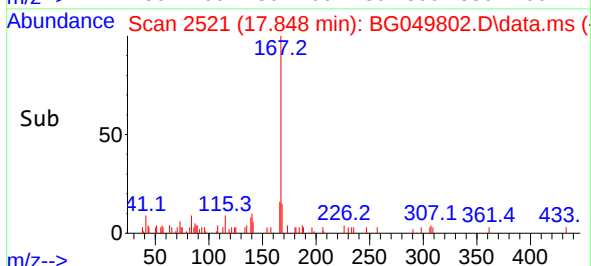
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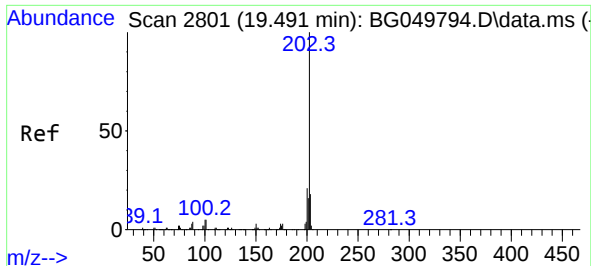


#77
 Carbazole
 Concen: 1.249 ng/u1
 RT: 17.848 min Scan# 2521
 Delta R.T. 0.001 min
 Lab File: BG049802.D
 Acq: 12 Aug 2021 00:30



Tgt Ion:	167	Resp:	10383
Ion Ratio	Lower	Upper	
167	100		
166	18.5	17.3	25.9
139	11.5	10.4	15.6





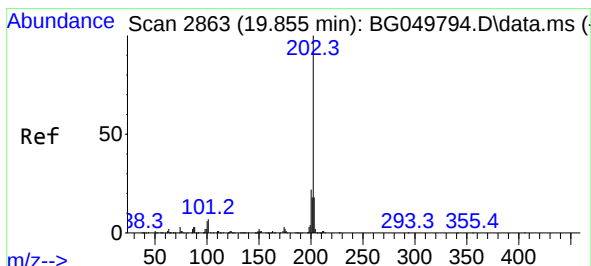
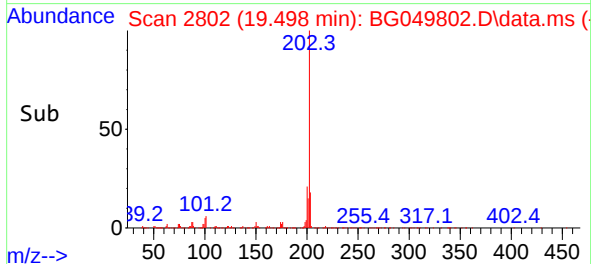
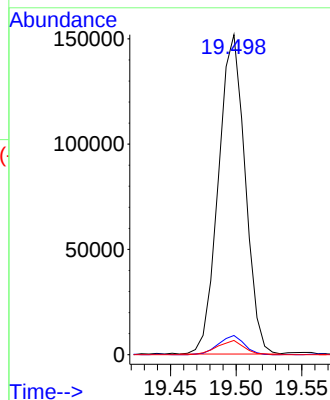
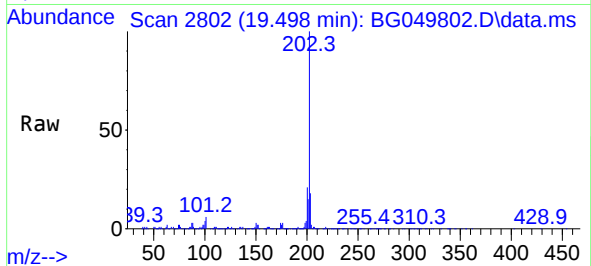
#80
Fluoranthene
Concen: 21.285 ng/u1
RT: 19.498 min Scan# 2802
Delta R.T. 0.007 min
Lab File: BG049802.D
Acq: 12 Aug 2021 00:30

Tgt Ion:202 Resp: 214108
Ion Ratio Lower Upper
202 100
101 6.0 4.8 7.2
100 4.5 3.9 5.9

Instrument :
BNA_G
ClientSampled :
BGB04

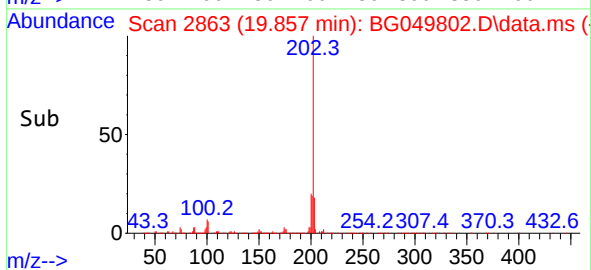
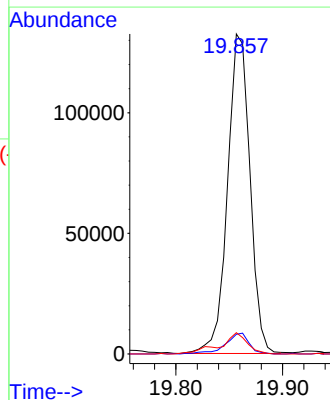
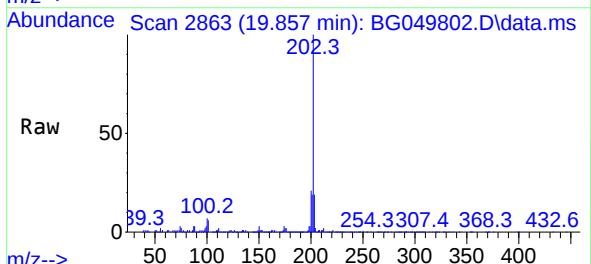
Manual Integrations
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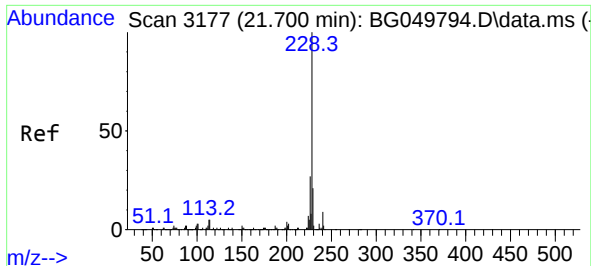
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#82
Pyrene
Concen: 19.310 ng/u1
RT: 19.857 min Scan# 2863
Delta R.T. 0.001 min
Lab File: BG049802.D
Acq: 12 Aug 2021 00:30

Tgt Ion:202 Resp: 193730
Ion Ratio Lower Upper
202 100
101 6.1 5.2 7.8
100 6.6 4.8 7.2





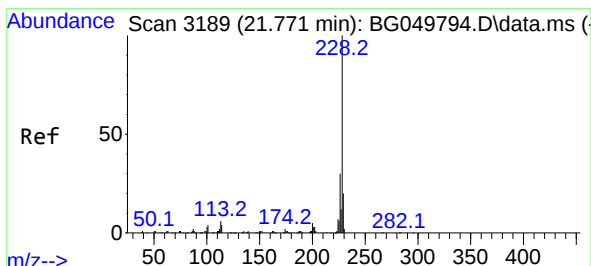
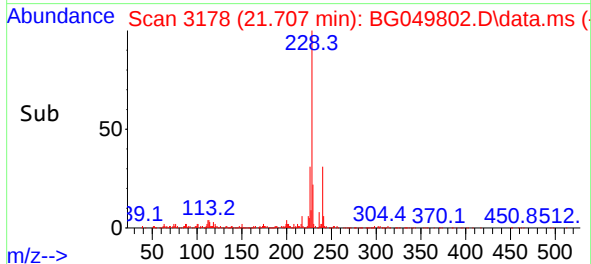
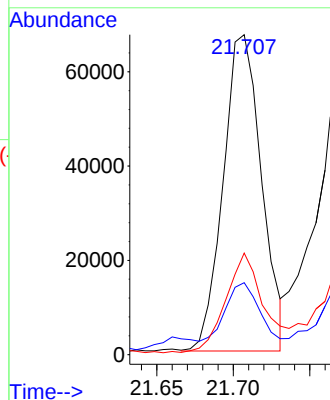
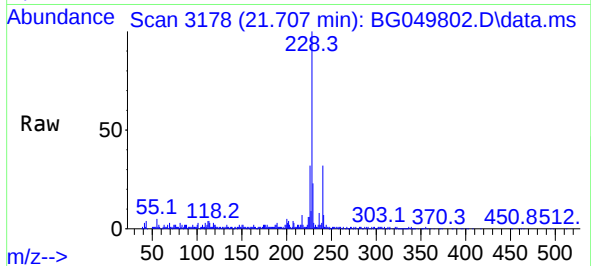
#85
Benzo(a)anthracene
Concen: 12.054 ng/ul m
RT: 21.707 min Scan# 3178
Delta R.T. 0.007 min
Lab File: BG049802.D
Acq: 12 Aug 2021 00:30

Tgt Ion:228 Resp: 117075
Ion Ratio Lower Upper
228 100
229 22.5 15.3 22.9
226 31.7 21.0 31.6#

Instrument :
BNA_G
ClientSampled :
BGB04

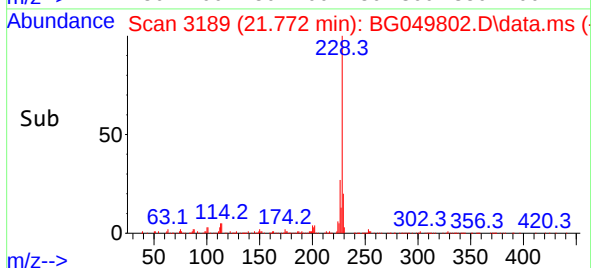
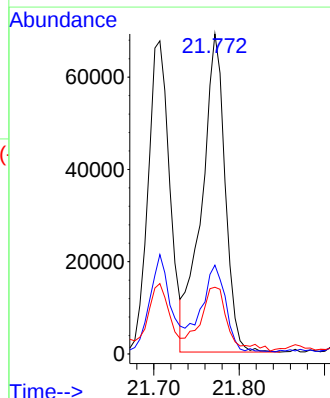
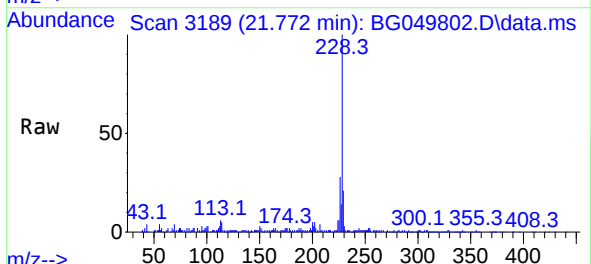
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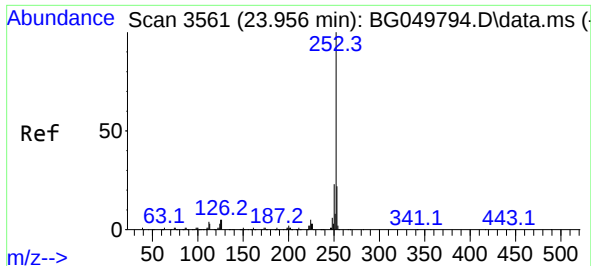
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#87
Chrysene
Concen: 14.530 ng/ul
RT: 21.772 min Scan# 3189
Delta R.T. 0.001 min
Lab File: BG049802.D
Acq: 12 Aug 2021 00:30

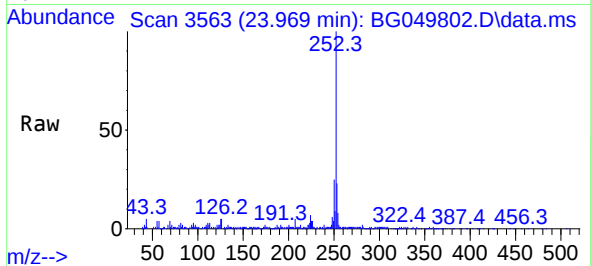
Tgt Ion:228 Resp: 131799
Ion Ratio Lower Upper
228 100
226 27.8 24.7 37.1
229 20.8 15.4 23.2





#90
Benzo(b)fluoranthene
Concen: 19.306 ng/u1
RT: 23.969 min Scan# 3563
Delta R.T. 0.019 min
Lab File: BG049802.D
Acq: 12 Aug 2021 00:30

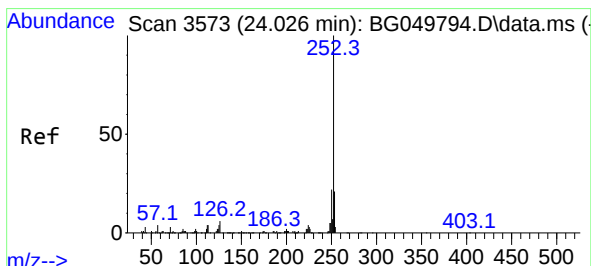
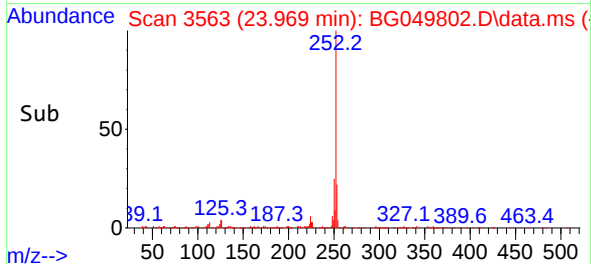
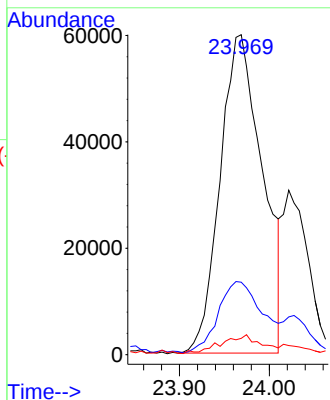
Instrument :
BNA_G
ClientSampled :
BGB04



Tgt Ion:252 Resp: 196066
Ion Ratio Lower Upper
252 100
253 22.7 17.4 26.2
125 5.1 3.7 5.5

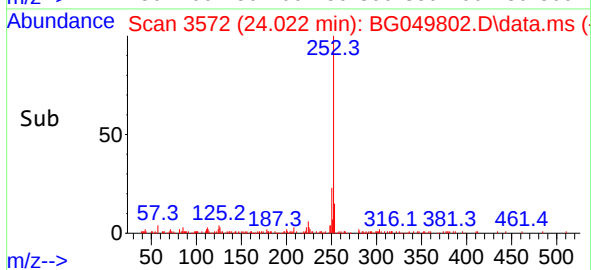
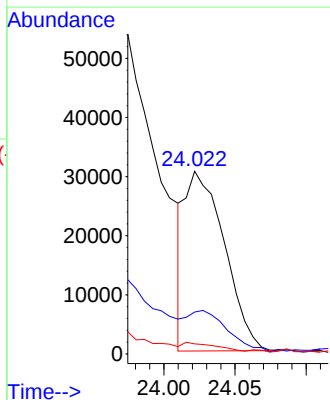
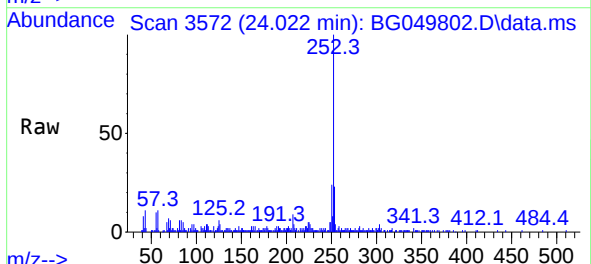
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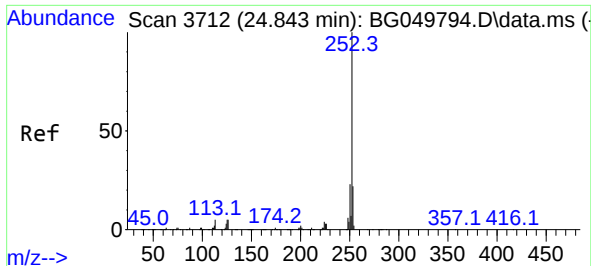
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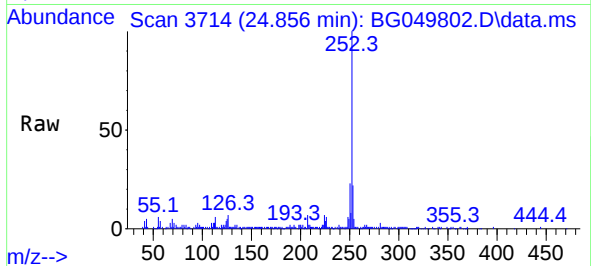
#91
Benzo(k)fluoranthene
Concen: 5.805 ng/u1
RT: 24.022 min Scan# 3572
Delta R.T. 0.001 min
Lab File: BG049802.D
Acq: 12 Aug 2021 00:30

Tgt Ion:252 Resp: 58539
Ion Ratio Lower Upper
252 100
253 23.0 17.8 26.8
125 5.5 3.8 5.8

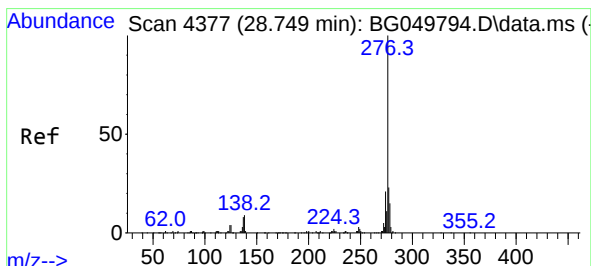
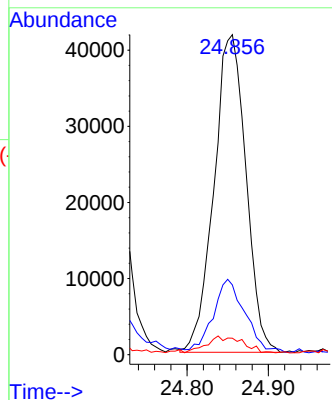
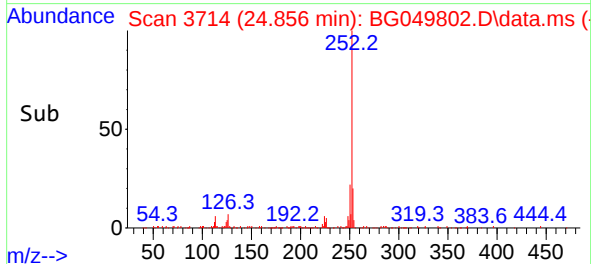




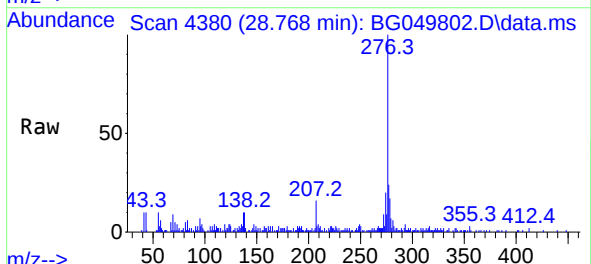
#93
Benzo(a)pyrene
Concen: 12.775 ng/ul
RT: 24.856 min Scan# 3714
Delta R.T. 0.013 min
Lab File: BG049802.D
Acq: 12 Aug 2021 00:30



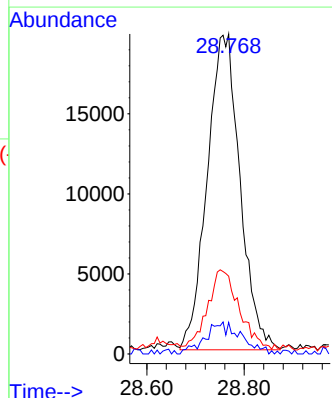
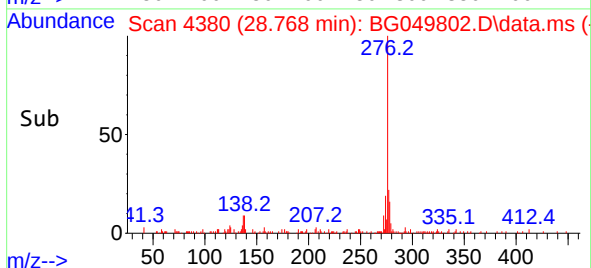
Tgt Ion:252 Resp: 114208
Ion Ratio Lower Upper
252 100
253 21.8 17.7 26.5
125 5.1 4.6 7.0



#94
Indeno(1,2,3-cd)pyrene
Concen: 7.871 ng/ul m
RT: 28.768 min Scan# 4380
Delta R.T. 0.031 min
Lab File: BG049802.D
Acq: 12 Aug 2021 00:30



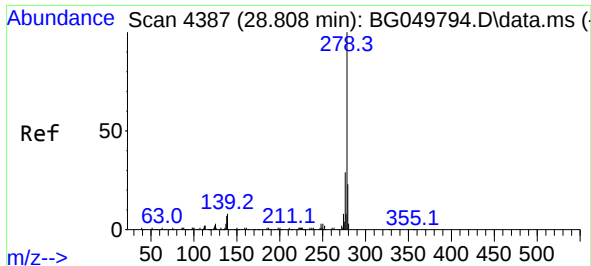
Tgt Ion:276 Resp: 92343
Ion Ratio Lower Upper
276 100
138 9.9 6.6 10.0
277 24.3 19.4 29.2



Instrument :
BNA_G
ClientSampled :
BGB04

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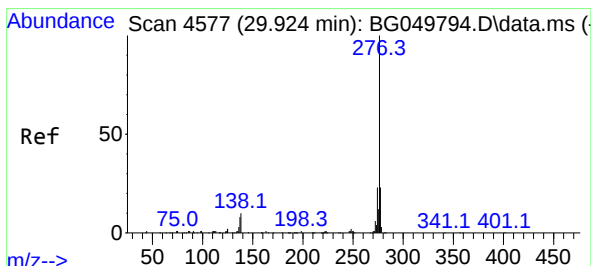
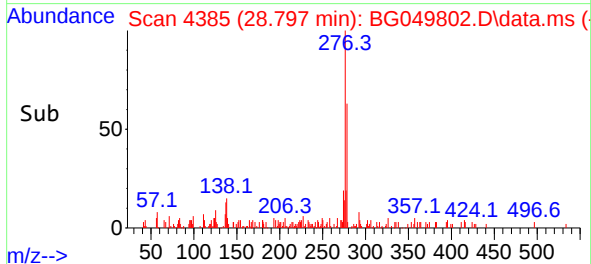
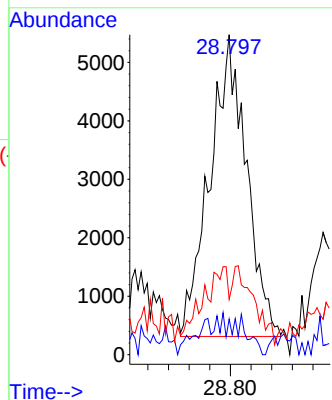
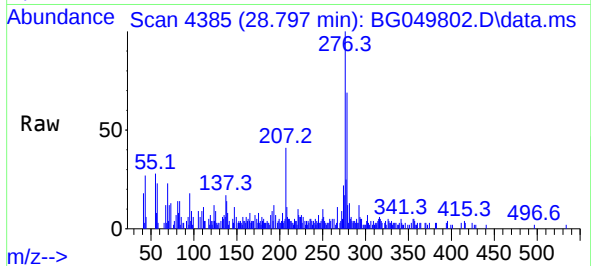
#95
Dibenzo(a,h)anthracene
Concen: 2.582 ng/ul m
RT: 28.797 min Scan# 4385
Delta R.T. -0.005 min
Lab File: BG049802.D
Acq: 12 Aug 2021 00:30

Tgt Ion	Ratio	Lower	Upper
278	100		
139	11.2	6.3	9.5#
279	17.3	18.9	28.3#

Instrument :
BNA_G
ClientSampled :
BGB04

Manual Integrations
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#96
Benzo(g,h,i)perylene
Concen: 7.946 ng/ul m
RT: 29.937 min Scan# 4579
Delta R.T. 0.031 min
Lab File: BG049802.D
Acq: 12 Aug 2021 00:30

Tgt Ion	Ratio	Lower	Upper
276	100		
138	10.1	7.2	10.8
277	28.6	19.5	29.3

